FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

	SHEET 1 OF
ATTY. DOCKET NO. O I P E MICRON. 196CP1 O I P E G	APPLICATION NO. 09/318,073
APPLICANT Zhu, et al.	
FILING DATE May 25, 1999	GROUP 2826

			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (IF APPRO	DATE OPRIATE)
110	US 2001/0030886 A1	10/18/01	Thewes, et al.	·			
w	US 2001/0050859 A1	12/13/01	Schwarzl				
		-					
		<u></u>			<u> </u>		
			FOREIGN PATENT DOCUMENTS		•		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	
""""						YES	NO
		-					
	 	1-					
			,				
					ļ		
			<u> </u>		<u> </u>	•	<u> </u>
EXAMINER INITIAL	. 0.	THER DOCUM	ENTS (INCLUDING AUTHOR, TITLE, DAT	E, PERTINENT PAGES,	ETC.)		· · · · · · · · · · · · · · · · · · ·
		/				/	

MSO-3132.DOC:afa 070802

LEXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 209; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

DATE CONSIDERED)

OIF	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MICRON.196CP1	APPLICATION NO. 09/318,073
$\left(\ \right] .$	B	YAPPLICANT	APPLICANT Zhu, et al.	·
E MAR A	9 7004 W (USE SEVERA	L SHEETS IF NECESSARY)	FILING DATE May 25, 1999	GROUP 2826

XAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE
wo	5,661,062	8/26/97	Prinz			
	5,861,328	1/19/99	Tehrani et al.			
	5,902,690	5/11/99	Tracy et al.			
	5,940,319	8/17/99	Durlam et al.			Aug. 31, 1998
	5,956,267	9/21/99	Hurst et al.			Dec. 18, 1997
	6,048,739	4/11/00	Hurst et al.		_	Dec. 18, 1997
	6,165,803	12/26/00	Chen et al.			May 17, 1999
1	6,510,078 B2	01/21/03	Schwarzl			
M	6,580,636 B2	06/17/03	Thewes et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER	XAMINER DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
INITIAL	ļ					YES	NO
W	JP 2000 090658 A	3/31/00	Japan (Abstract)			Х	
	4	+					

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)				
WA	Prinz, "Magnetoelectronics", Science Magazine, Vol. 282, Nov. 27, 1998.				
	Wang et al., Feasibility of Ultra-Dense Spin-Tunneling Random Access Memory, IEEE Transactions on Magnetics, Vol. 33, No. 6, Nov. 1997.				
	Lee, Chih-Ling, "A Study of Magnetoresistance Random-Access Memory," date unknown				
The	Kaakani, H. "NON-VOLATILE MEMORY (MRAM) ANXXX," [online], Honeywell, March 1999 [retrieved on November 19, 2001]. Retrieved from the Internet: <url: avionics="" h_gmr.pdf="" www.ssec.honeywell.com=""></url:>				
. ——					

L:\DOCS\MSO\MSO-5499.DOC 032304

EXAMINER: INITIAL IF CITATION CONSIDERED WHEYHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.